M. A. R. 57 (Rule 116)
Measurement Book

No. B 209765

Serial No. ..... From..... To..... BR-169/30-9-15

Name of Work .....

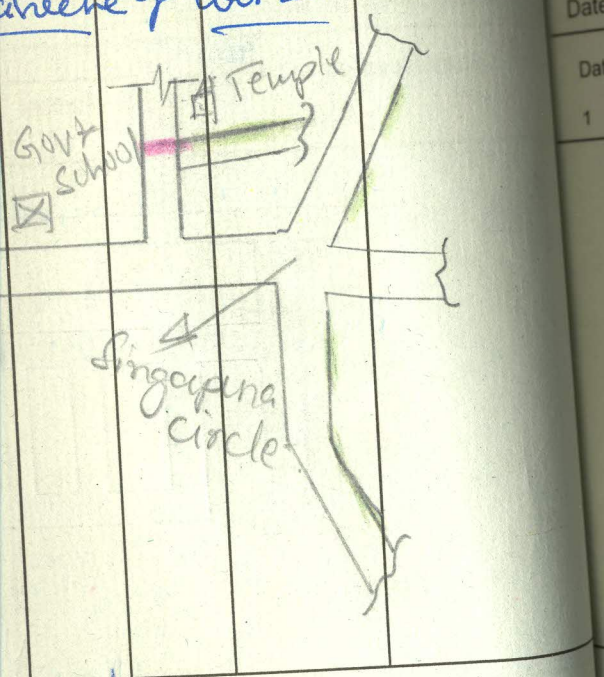
Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name of Works Maintenance of Ward of Emergency Works in Ward No. 11 Estimated cost - 10.00 lakhs.						
	Work Code:- 011-15-000018						
	Work order No :- EE/BSP/BBMP/EPMP/211/14-15 Date: 24-12-15						
	Name of Agency:- Sri Chetan #28 Thimlu, Dhyaneyaswary layout 1st main Vidyaranyapura PO						

BOOK

sions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Entrance of Wards			



MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in Hard Soil involving an average horizontal throw up to 2 mtrs & an average lift up to 0.5m excavated surface leveled & holes nearby after breaking & clods etc. Complete as per Specifications.						
	culvert at Gayatrinagar Temple	1	6.00	1.80	1.15	12.42	
	culvert at opp Shanti Mahatma Temple.	1	6.00	1.80	1.15	12.42	
				Total		24.84	cum

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	2) providing & laying 1:4:8 with ope graded granite & the aggregate

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8
by manual means in average horizontal thro ge dist upto 0.5 m ed & stacks nearby ete. Complete & pr				
·00 x 1·80 x 1·15 = 12·42				
·00 x 1·80 x 1·15 x 12·42				
Total			24·84 m3	

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Measurement Book

No. B 209766

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			Jy 105.00			Jy 2608.00	
	2) providing & laying in position plain cement concrete 1:4:8 with OPC cement @ 180 kgs with 40mm & down size graded granite metal coarse aggregate @ 0.85 cum & fine aggregate @ 0.57 cum Machine mixed Concrete						

Cont'd Bill

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Laid in layers not exceeding 15cm thick well compacted, in Foundation & plinth, including cost of all Materials, labour, Hoop & Making carriage etc. complete as per specifications						
	culvert	1	6.00	1.80	0.15	1.62	
		1	6.00	1.80	0.15	1.62	
		TOTAL				3.24 m3	
		@				Rs 4847.00	Rs 15704.00

Cube
Bl
Lab

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ....

Date	Full description, etc, of w
1	2
3)	providing & Masonry in S of stones ch high, bond st cost & Mate Specifications culvert

BOOK

s		Contents	Reference to last Measuremen
dth	Depth 6	7	8
		15cm thick	
		plinth, including	
		, Hoop I Making	
		specifications	
		80x0.15=1.62	
		80x0.15=1.62	
		3.24 m3	
		847.00	Rs, 1570400

M. A. R. 57 (Rule 116)
Measurement Book

No. B

209767

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	3) providing & Constructing granite/trap/basalt Size stone Masonry in Superstructure with Cement mortar 1:6 edges of stones chiselled dressed in courses not less than 15cm high, bond stones at two m apart in each courses including cost of Materials, labour, curing etc. Complete as per specifications.						
	Culvert		2	6.00	0.60 x 0.90	6.48	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	SSM Drain Reconstruction	2	6.00	0.60	0.90	6.48	
		1	5.00	0.60	0.90	4.25	
		1	7.80	0.60	0.80	3.60	
		1	6.50	0.60	0.65	2.54	
		1	8.50	0.60	0.90	4.59	
		1	6.20	0.60	0.90	3.35	
		1	9.50	0.60	0.85	4.85	
					Total Qty	34.68 M3	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	4) providing rubbed	
	with cement mort	
	& raking joints	
	including cost &	

BOOK

ons		Contents	Reference to last Measuremen
readth 5	Depth 6	7	8
0·60	x 0·90	= 6·48	
·60	x 0·90	= 4·25	
·60	x 0·80	= 3·60	
·60	x 0·65	= 2·54	
·60	x 0·90	= 4·59	
·60	x 0·90	= 3·35	
·60	x 0·85	= 4·85	
		34.58 Mt	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209768

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
			Limited to			3456 Mts	
			Jy 4773·60			Jy 1849 76=00	
	Crude Pointing						
	4) providing ruled pointing to Coursed stone Masonry with Cement Mortar 1:4, 20 mm deep, after ~~Scraping~~ & raking joints to depth of 20 mm nicely lining including cost of Materials, labour Curing etc.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Complete as per Specification.						
	culvert	2	6.00	-	x0.80 =	9.60	
		2	6.00	-	x0.80 =	9.60	
	SSM Drain Reconstructing	1	5.00	-	x0.85 =	4.25	
		1	7.50	-	x0.80 =	6.00	
		1	6.50	-	x0.65 =	4.23	
		1	8.50	-	x0.85 =	7.23	
		1	6.20	-	x0.80 =	4.96	
	Cash Allowance	1	9.50	-	x0.85 =	8.08	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	5) providing & lay mix 1:2:4 with grade granite

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8
120 y.				
00	– x0.80 = 9.60			
00	– x0.80 = 9.60			
00	– x0.85 = 4.25			
50	– x0.80 = 6.00			
50	– x0.65 = 4.23			
50	– x0.85 = 7.23			
20	– x0.80 = 4.96			
50	– x0.85 = 8.08			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209769

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			Total Qty			53.94 m²	
			Hundred			51.20 m²	
			Qty 92.88			Qty 4755.00	

5) providing & laying in position Plain cement concrete 1 Mix 1:2:4 with cement 320 kgs with 20mm & down size grade granite Metal coarse aggregate 0.87 Cum

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	& fine aggregates @ 0.4% Cem, machine Mixed Concrete laid in layers not exceeding 15cm thick, well Compacted in Foundation, Plinth & Cills including Cost of all Materials labour, Hire & Machinery, Curing etc. Complete as Per Specification						
	Culvert portion	1	6.00	1.80	0.10	1.08	CEFC Verified
		1	6.00	1.80	0.10	1.08	
	Ramp	2	6.00	0.90	0.15	1.62	
		2	6.00	0.90	0.15	1.62	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	SSM Drain Recommd

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
RCC, Machine Mixed				
ny not exceeding 15cm				
in Foundation, Plinth & Cills				
Materials labour, Hire				
etc. Complete as Per Specification				
6·00 × 1·80 × 0·102			1·08	C&FC Vaults
6·00 × 1·80 × 0·102			1·08	
6·00 × 0·90 × 0·15			1·62	
6·00 × 0·90 × 0·15			1·62	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209770

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	SSM Drain Reconstruction	1 ×	5·00 ×	0·60 ×	0·10 =	0·30	C&FC Vaults
		1 ×	7·80 ×	0·60 ×	0·102	0·48	
		1 ×	6·50 ×	0·60 ×	0·10 =	0·39	
		1 ×	8·50 ×	0·60 ×	0·102	0·51	Circle Pit
		1 ×	6·20 ×	0·60 ×	0·102	0·37	
		1 ×	9·50 ×	0·60 ×	0·10 =	0·57	
			Total Qty			7·99 Cum	

NT BOOK

mensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
—	—	= 40 cu lebar	
—	—	= 40 cu lebar	
—	—	= 20 cu lebar	
—	—	= 40 cu lebar	
—	—	= 40 cu lebar	
—	—	= 20 cu lebar	
—	—	= 20 cu lebar	
—	—	= 40 cu lebar	
—	—	= 20 cu lebar	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209779

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		4 x 10	—	—		= 40 cu lebar	
		4 x 10	—	—	—	= 40 cu lebar	
		2 x 10	—	—	—	= 20 cu lebar	
		4 x 10	—	—	—	= 40 cu lebar	
		4 x 10	—	—	—	= 40 cu lebar	
		4 x 10	—	—	—	= 40 cu lebar	
		4 x 10	—	—	—	= 40 cu lebar	
		4 x 10	—	—	—	= 40 cu lebar	
		4 x 10	—	—	—	= 40 cu lebar	
					TOTAL	400 cu lebar	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Jny	223.00			By 156100	
	10) Lead for Disposal of Debris Shall be carriage rates by Mechanical Means including hauling Unloading etc						
		Qty wide Jan No				1	
						23.60 mt	
		Total				By 17223=00	
		Jny Total				By 99366=00	
	99366=00						
	121811=—						
	87853=00						

Serial No. .....
Name of Work ... Improvement ... 14 Ward No ...
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	premeasurement
1)	Removing B.S Slab